

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	299	396/463,470.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/07 10:58
L2	213	396/463,470.ccls. and @ay<"2000"	US-PGPUB; USPAT	OR	ON	2005/01/07 10:58
L3	85	396/462.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/07 11:04
L4	280	396/463.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/07 11:05
S1	28	shutter same moving adj magnet	USPAT	OR	ON	2005/01/07 10:57
S2	35	diaphragm same moving adj magnet	USPAT	OR	ON	2004/02/09 11:26
S3	1	"4587450".PN.	USPAT	OR	ON	2004/02/09 11:33
S4	6	("4760420" "5255037" "5446514" "5489959" "5608484" "6215207").PN.	USPAT	OR	ON	2004/02/09 11:33
S5	4	("5255037" "5446514" "5502524" "5602610").PN.	USPAT	OR	ON	2004/02/09 11:38
S6	2	("4220409" "4609275").PN.	USPAT	OR	ON	2004/02/09 11:40
S7	1	"5258797".PN.	USPAT	OR	ON	2004/02/09 11:41
S8	1	"5000534".PN.	USPAT	OR	ON	2004/02/09 11:41
S9	8	("4527876" "4791442" "4797700" "4987435" "5155522" "5159382" "5255037" "5258797").PN.	USPAT	OR	ON	2004/02/09 11:41
S10	1	"5255037".pn.	USPAT	OR	ON	2004/02/09 11:58
S11	9	("3942183" "4129367" "4149794" "4527876" "4624542" "4673278" "4730200" "4797700" "4843420").PN.	USPAT	OR	ON	2004/02/09 11:57
S12	9	"5255037".urpn.	USPAT	OR	ON	2004/02/09 12:00
S13	2	"5446514".urpn.	USPAT	OR	ON	2004/02/09 12:00
S14	17	shutter and moving adj magnet	JPO	OR	ON	2004/02/09 12:58
S15	13	diaphragm and moving adj magnet	JPO	OR	ON	2004/02/09 12:59
S16	3	diaphragm and moving adj magnet and shutter	JPO	OR	ON	2004/02/09 12:59
S17	22	shutter and moving adj magnet and diaphragm	USPAT	OR	ON	2004/02/09 13:07
S18	3	("5012271" "5764292" "6101333").PN.	USPAT	OR	ON	2004/02/09 13:03
S19	0	shutter and moving adj magnet and diaphragm	EPO	OR	ON	2004/02/09 13:07

S20	4	shutter and moving adj magnet and diaphragm	USOCR	OR	ON	2004/02/09 13:17
S21	171	396/452.ccls.	USPAT	OR	ON	2004/02/09 13:18
S22	86	396/452.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 13:21
S23	22	396/458.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 13:22
S24	10	396/459.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 13:25
S25	19	396/460.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 13:29
S26	103	396/493.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 14:08
S27	120	396/505.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 14:17
S28	78	shutter same moving adj coil	USPAT	OR	ON	2004/02/09 14:17
S29	21	shutter same moving adj coil same diaphragm	USPAT	OR	ON	2004/02/09 14:25
S30	0	shutter and moving adj coil and diaphragm	JPO	OR	ON	2004/02/09 14:25
S31	18	shutter and moving adj coil	JPO	OR	ON	2004/02/09 15:06
S32	98	396/449.ccls.	USPAT	OR	ON	2004/02/09 15:06
S33	71	396/449.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/10 15:51
S34	27	396/464.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 15:21
S35	203	396/463.ccls. and @ay<"2001"	USPAT	OR	ON	2004/02/09 15:22
S36	28	(US-6667678-\$ or US-6443635-\$ or US-5043753-\$ or US-6343881-\$ or US-6222684-\$ or US-4987435-\$ or US-4417797-\$ or US-4319823-\$ or US-4312583-\$ or US-6585429-\$ or US-4322144-\$ or US-6215207-\$ or US-5608484-\$ or US-5446514-\$ or US-5489959-\$ or US-5255037-\$ or US-5602610-\$ or US-5432576-\$ or US-6547457-\$ or US-6467975-\$ or US-4227792-\$ or US-4671638-\$).did. or (JP-11326990-\$ or JP-11024126-\$ or JP-11326989-\$ or JP-10096974-\$ or JP-07013218-\$ or JP-11194381-\$).did.	USPAT; JPO	OR	OFF	2004/02/10 11:06

S37	8	((US-6667678-\$ or US-6443635-\$ or US-5043753-\$ or US-6343881-\$ or US-6222684-\$ or US-4987435-\$ or US-4417797-\$ or US-4319823-\$ or US-4312583-\$ or US-6585429-\$ or US-4322144-\$ or US-6215207-\$ or US-5608484-\$ or US-5446514-\$ or US-5489959-\$ or US-5255037-\$ or US-5602610-\$ or US-5432576-\$ or US-6547457-\$ or US-6467975-\$ or US-4227792-\$ or US-4671638-\$).did. or (JP-11326990-\$ or JP-11024126-\$ or JP-11326989-\$ or JP-10096974-\$ or JP-07013218-\$ or JP-11194381-\$).did.) and shutter and diaphragm	USPAT	OR	ON	2004/02/10 11:11
S38	1	"6086267".pn.	USPAT	OR	ON	2004/02/10 11:18
S39	0	("2123336" "3089223" "1016179" "8146488" "9020731" "9139884" "2123336" "3089223").pn.	JPO	OR	ON	2004/02/10 11:19
S40	5	("02123336" "03089223" "1016179" "08146488" "09020731" "09139884" "02123336" "03089223").pn.	JPO	OR	ON	2004/02/10 11:25
S41	1	"6086267".pn. and magnet	USPAT	OR	ON	2004/02/10 11:32
S42	3	((US-6667678-\$ or US-6443635-\$ or US-5043753-\$ or US-6343881-\$ or US-6222684-\$ or US-4987435-\$ or US-4417797-\$ or US-4319823-\$ or US-4312583-\$ or US-6585429-\$ or US-4322144-\$ or US-6215207-\$ or US-5608484-\$ or US-5446514-\$ or US-5489959-\$ or US-5255037-\$ or US-5602610-\$ or US-5432576-\$ or US-6547457-\$ or US-6467975-\$ or US-4227792-\$ or US-4671638-\$).did. or (JP-11326990-\$ or JP-11024126-\$ or JP-11326989-\$ or JP-10096974-\$ or JP-07013218-\$ or JP-11194381-\$).did.) and "moving magnet" same step\$4	USPAT	OR	ON	2004/02/10 11:34

S43	5	((US-6667678-\$ or US-6443635-\$ or US-5043753-\$ or US-6343881-\$ or US-6222684-\$ or US-4987435-\$ or US-4417797-\$ or US-4319823-\$ or US-4312583-\$ or US-6585429-\$ or US-4322144-\$ or US-6215207-\$ or US-5608484-\$ or US-5446514-\$ or US-5489959-\$ or US-5255037-\$ or US-5602610-\$ or US-5432576-\$ or US-6547457-\$ or US-6467975-\$ or US-4227792-\$ or US-4671638-\$).did. or (JP-11326990-\$ or JP-11024126-\$ or JP-11326989-\$ or JP-10096974-\$ or JP-07013218-\$ or JP-11194381-\$).did.) and "magnet" same step\$4	USPAT	OR	ON	2004/02/10 11:36
S44	1	"4587450".PN.	USPAT	OR	ON	2004/02/10 11:35
S45	10	((US-6667678-\$ or US-6443635-\$ or US-5043753-\$ or US-6343881-\$ or US-6222684-\$ or US-4987435-\$ or US-4417797-\$ or US-4319823-\$ or US-4312583-\$ or US-6585429-\$ or US-4322144-\$ or US-6215207-\$ or US-5608484-\$ or US-5446514-\$ or US-5489959-\$ or US-5255037-\$ or US-5602610-\$ or US-5432576-\$ or US-6547457-\$ or US-6467975-\$ or US-4227792-\$ or US-4671638-\$).did. or (JP-11326990-\$ or JP-11024126-\$ or JP-11326989-\$ or JP-10096974-\$ or JP-07013218-\$ or JP-11194381-\$).did.) and "magnet" and stepp\$4	USPAT	OR	ON	2004/02/10 11:36
S46	2	("3375769" "3668988").PN.	USPAT	OR	ON	2004/02/10 12:06
S47	2	("3375769" "3668988").PN.	USPAT	OR	ON	2004/02/10 12:06
S48	4	("2183802" "2800844" "2890640" "3116670").pn.	USPAT	OR	ON	2004/02/10 13:08
S49	1	"10221740"	JPO	OR	ON	2004/02/10 14:45
S50	1	"6086267".pn. and shutter	USPAT	OR	ON	2004/02/10 14:45
S51	25	396/449.ccls. and @ay<"1980"	USPAT	OR	ON	2004/02/10 16:02
S52	0	396/449.ccls. and @ay<"1980"	USOCR	OR	ON	2004/02/10 15:54
S53	2	396/449.ccls. and @ay<"1999" and cheap\$3	USPAT	OR	ON	2004/02/10 16:40
S54	42	396/449.ccls. and @ay<"1999" and advantag\$3	USPAT	OR	ON	2004/02/10 16:08
S55	1	"4171897".pn.	USPAT	OR	ON	2004/02/10 16:09
S56	1	"5151149".pn.	USPAT	OR	ON	2004/02/10 16:26

S57	1	"4760420".pn.	USPAT	OR	ON	2004/02/10 16:26
S58	93	shutter and magnetic with force with rotor	USPAT	OR	ON	2004/02/17 09:46
S59	9	shutter and magnetic with force with rotor same open\$3 same close\$3	USPAT	OR	ON	2004/02/17 10:20
S60	2	"10221740"	DERWENT	OR	ON	2004/02/17 10:55
S61	1	1998-510758.NRAN.	DERWENT	OR	OFF	2004/02/17 10:21
S62	2	"3205714"	DERWENT	OR	ON	2004/02/17 10:22
S63	0	"5432576".pn. and spring	DERWENT	OR	ON	2004/02/17 10:55
S64	1	"5446514".pn. and spring	DERWENT	OR	ON	2004/02/17 10:56
S65	1	"5446514".pn. and spring	USPAT	OR	ON	2004/02/17 11:13
S66	1	"6086267".pn. and shutter	USPAT	OR	ON	2004/02/17 11:13
S74	41	shutter same moving adj magnet	US-PGPUB; USPAT	OR	ON	2004/10/29 14:25
S75	72	396/458.ccls.	US-PGPUB; USPAT	OR	ON	2004/10/29 14:25
S76	7	("4487493" "5337110" "5432576" "5446514" "5602610" "6086267" "6343881").PN.	USPAT	OR	ON	2004/12/06 18:01
S77	83	396/452.ccls. and @ay<"2000"	US-PGPUB; USPAT	OR	ON	2004/12/06 18:02
S78	0	396/452.ccls. and shutter near2 blade same diaphragm near2 blad	US-PGPUB; USPAT	OR	ON	2004/12/06 18:02
S79	9	396/452.ccls. and shutter near2 blade same diaphragm near2 blade	US-PGPUB; USPAT	OR	ON	2004/12/06 18:03
S80	101	396/452-528.ccls. and shutter near2 blade same diaphragm near2 blade	US-PGPUB; USPAT	OR	ON	2004/12/15 10:08
S81	71	396/452-528.ccls. and shutter near2 blade same diaphragm near2 blade and @ay<"2000"	US-PGPUB; USPAT	OR	ON	2004/12/06 18:04
S82	165	396/452-528.ccls. and shutter same diaphragm same (driving adj pin motor stator actuator)	US-PGPUB; USPAT	OR	ON	2004/12/15 14:15
S83	7	("3678827" "4032935" "4320976" "5099334" "5485236" "6101333" "6166765").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:11
S84	3	("4265530" "4531820" "5689746").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:13
S85	3	("5012271" "5764292" "6101333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:28

S86	2	("6547457" "6585429").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:29
S87	12	(S83 S84 S85)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:29
S88	25	396/452-528.ccls. and shutter near2 blade and diaphragm near2 blade same magnet	US-PGPUB; USPAT	OR	ON	2004/12/15 10:36
S89	35	396/452-528.ccls. and shutter near2 blade and diaphragm near2 blade same magnet\$3	US-PGPUB; USPAT	OR	ON	2004/12/15 10:37
S90	31	396/452-528.ccls. and shutter near2 blade same diaphragm near2 blade same magnet\$3	US-PGPUB; USPAT	OR	ON	2004/12/15 11:07
S91	4	("5255037" "5446514" "5502524" "5602610").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 11:05
S92	2	("5446514").URPN.	USPAT	OR	ON	2004/12/15 11:07
S93	1281	shutter same diaphragm same (driving adj pin motor stator actuator)	US-PGPUB; USPAT	OR	ON	2004/12/15 11:07
S94	5	shutter near2 blade same diaphragm near2 blade same magnet\$3	EPO; JPO	OR	ON	2004/12/15 11:07
S95	176	shutter same diaphragm same (driving adj pin motor stator actuator)	EPO; JPO	OR	ON	2004/12/15 12:01
S96	80	shutter same diaphragm same (driv\$4 near2 pin)	US-PGPUB; USPAT	OR	ON	2004/12/15 12:01
S97	19	shutter near2 blade same diaphragm near2 blade same (driv\$4 near2 pin)	US-PGPUB; USPAT	OR	ON	2004/12/15 13:12
S98	100	396/460.ccls.	US-PGPUB; USPAT	OR	ON	2004/12/15 14:25
S99	71	396/461.ccls.	US-PGPUB; USPAT	OR	ON	2004/12/15 14:25
S10 0	64	396/461.ccls. not S98	US-PGPUB; USPAT	OR	ON	2004/12/15 14:27
S10 1	0	396/461.ccls. not (S98 S99)	US-PGPUB; USPAT	OR	ON	2004/12/15 14:27
S10 2	76	396/462.ccls. not (S98 S99)	US-PGPUB; USPAT	OR	ON	2004/12/15 14:29
S10 3	69	396/458.ccls. not (S98 S99)	US-PGPUB; USPAT	OR	ON	2004/12/15 14:32
S10 4	35	396/459.ccls. not (S98 S99 S102 S103)	US-PGPUB; USPAT	OR	ON	2004/12/15 14:57

S10 5	1	"5306906".pn.	US-PGPUB; USPAT	OR	ON	2004/12/15 16:15
S10 9	15	("5306906").URPN.	USPAT	OR	ON	2004/12/15 15:17
S11 0	10	("4012587" "4200892" "4336556" "4558365" "4602289" "4656518" "4884143" "5274476" "5306906" "6236434").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 15:18
S11 2	1	"6253032".pn.	US-PGPUB; USPAT	OR	ON	2004/12/15 16:18
S11 3	7	("4118720" "4672436" "5432597" "5548334" "5734421" "5872590" "5949504").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 16:18
S11 4	7	("3678827" "4032935" "4320976" "5099334" "5485236" "6101333" "6166765").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 16:58
S11 5	568	396/458-462.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 16:58
S11 6	132	S115 and (motor stator driv\$3 near2 pin)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 16:58
S11 7	50	S115 and (motor stator driv\$3 near2 pin) and @ay<"2000"	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 17:01
S11 8	41	shutter same moving adj magnet	US-PGPUB; USPAT	OR	ON	2005/01/04 11:52